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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,945	04/30/2001	Chia-Chu Dorland	10005653	8630

7590   09/14/2005

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EXAMINER
ALI, SYED J

ART UNIT	PAPER NUMBER
2195	

DATE MAILED: 09/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No. 09/843,945	Applicant(s) DORLAND ET AL.
	Examiner Syed J. Ali	Art Unit 2195

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>28 July 2005</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-20</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-20</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 7-05)   Office Action Summary   Part of Paper No./Mail Date 20050908

DETAILED ACTION

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection.   Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on June 6, 2005 has been entered. Claims 1-20 are

presented for examination.

2.   The text of those sections of Title 35, U.S. code not included in this office action can be

found in a prior office action.

Claim Rejections - 35 USC § 102

3.   **Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Caldwell et**

al. (US 2002/0046286) (hereinafter Caldwell).

4.   As per claim 1, Caldwell teaches the invention as claimed, including a method of

automated event polling in a network comprising:

     logging data into a database on a server (paragraphs 0012, 0073);

     receiving at the server a request for the data generated by a client using a Hypertext

Transfer Protocol [HTTP] message (paragraphs 0014, 0085-88);

     responding to the received by the server request by reformatting the data in the database

into an Extensible Markup Language [XML] format (paragraphs 0014, 0085-88); and

transmitting the data in XML format to the client (paragraph 0086), wherein the client

synchronizes its maintenance of data with the database on the server (paragraphs 0006, 0020).

5.   As per claim 2, Caldwell teaches the invention as claimed, including the method of claim

1, wherein the data in XML format is transmitted by a web server to a client interface, wherein

the client interface generates the request for the data which is received by the web server

(paragraphs 0014, 0085-88).

6.   As per claim 3, Caldwell teaches the invention as claimed, including the method of claim

2, wherein the data is reformatted to XML format by a data interface, and wherein the data

interface retrieves the data from the database (paragraphs 0121, 0129).

7.   As per claim 4, Caldwell teaches the invention as claimed, including the method of claim

3, wherein the data interface is implemented as at least one of Common Gateway Interface

[CGI], Java Servlet, and Microsoft Internet Server Application Programming Interface [ISAPI]

(paragraph 0129).

8.   As per claim 5, Caldwell teaches the invention as claimed, including the method of claim

1, wherein the data is logged into the database by an information source (paragraph 0107).

9.   As per claim 6, Caldwell teaches the invention as claimed, including the method of claim

5, wherein the information source comprises:

an alarm generator (paragraph 0110); and

a configuration graphical user interface (paragraphs 0055, 0091).

10.   As per claim 7, Caldwell teaches the invention as claimed, including the method of claim

1, further comprising:

receiving the transmitted response by the client (paragraphs 0075, 0129); and

parsing the data in XML format to obtain at least one element included in the data

(paragraph 0129).

11.   As per claim 8, Caldwell teaches the invention as claimed, including the method of claim

1, wherein the data includes a sequence number (paragraph 0129).

12.   As per claim 9, Caldwell teaches the invention as claimed, including the method of claim

1, wherein the data includes a creation time-stamp of the database (paragraphs 0120).

13.   As per claim 10, Caldwell teaches the invention as claimed, including a method of event

polling in a network on a client comprising:

generating a HTTP request from the client for data from a database on a server

(paragraphs 0014, 0085-88);

receiving at the client a response to the request, including data in XML format

(paragraphs 0014, 0085-88); and

converting the data in XML format to a format used by client software (paragraph 0086), wherein the client synchronizes its maintenance of data with the database on the server (paragraphs 0006, 0020).

14.   As per claim 11, Caldwell teaches the invention as claimed, including the method of claim 10, further comprising:

storing a sequence number from the data to a client database (paragraph 0129); and

requesting data that corresponds to a next sequence number from the database on the server in a next HTTP request (paragraph 0129).

15.   As per claim 12, Caldwell teaches the invention as claimed, including the method of claim 11, further comprising:

synchronizing the client when a received database creation time stamp does not equal a stored database creation time stamp stored in a client database or when the client database has not been initialized (paragraphs 0014, 0120).

16.   As per claim 13, Caldwell teaches the invention as claimed, including the method of claim 12, wherein synchronizing the client comprises:

initializing the client database if necessary (paragraph 0105); and

comparing the server database creation time-stamp to a creation time-stamp stored in the

client database, wherein the sequence number is set to zero and the creation time-stamp stored in

the client database is set to the server database creation time-stamp, if the time-stamps are not

equal (paragraphs 0014, 0120).

17.   As per claim 14, Caldwell teaches the invention as claimed, including the method of

claim 10, wherein converting the data comprises:

parsing the data in XML format to obtain at least one element contained in the data

(paragraph 0129).

18.   As per claim 15, Caldwell teaches the invention as claimed, including a system for

automated event polling in a network comprising:

a computer-based server comprising:

logic that receives a HTTP request for data from a database on the server

(paragraphs 0014, 0085-88);

logic that responds to the request by reformatting the data into an XML format

(paragraphs 0014, 0085-88); and

logic that transmits the data in XML format (paragraph 0086); and

a computer-based client comprising:

logic that generates the HTTP request for the data from the database on the server

(paragraphs 0014, 0085-88);

logic that receives the data transmitted from the server in XML format (paragraphs 0014, 0085-88); and

logic that converts the received data in XML format to a format used by client software (paragraphs 0014, 0085-88), wherein the client synchronizes its maintenance of data with the database on the server (paragraphs 0006, 0020).

19.   As per claim 16, Caldwell teaches the invention as claimed, including the system of claim 15, wherein the computer-based client further comprises:

logic that stores a sequence number from the data to a client database (paragraph 0129); and

logic that requests data that corresponds to a next sequence number from the database on the server in a next HTTP request (paragraph 0129).

20.   As per claim 17, Caldwell teaches the invention as claimed, including the system of claim 15, wherein the computer-based client further comprises:

logic that synchronizes the client when a received database creation time stamp does not equal a stored database creation time stamp stored in a client database or when the client database has not been initialized (paragraphs 0014, 0120).

21.   As per claim 18, Caldwell teaches the invention as claimed, including the system of claim 17, wherein the logic that synchronizes the client comprises:

logic that initializes the client database if necessary (paragraph 0105); and

logic that compares the creation time-stamps, wherein the sequence number is set to zero and the creation time-stamp stored in the client database is set to the server database creation time-stamp, if the time-stamps are not equal (paragraphs 0014, 0120).

22. As per claim 19, Caldwell teaches the invention as claimed, including the system of claim 15, further comprising:

an information source that logs the data to the database on the server (paragraph 0107).

23. As per claim 20, Caldwell teaches the invention as claimed, including the system of claim 19, wherein the information source comprises:

an alarm generator (paragraph 0110); and

a configuration graphical user interface (paragraphs 0055, 0091).

Response to Arguments

24. **Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new grounds of rejection.**

Conclusion

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed J. Ali whose telephone number is (571) 272-3769. The examiner can normally be reached on Mon-Fri 8-5:30, 2nd Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai T. An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Syed Ali
September 8, 2005

MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
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